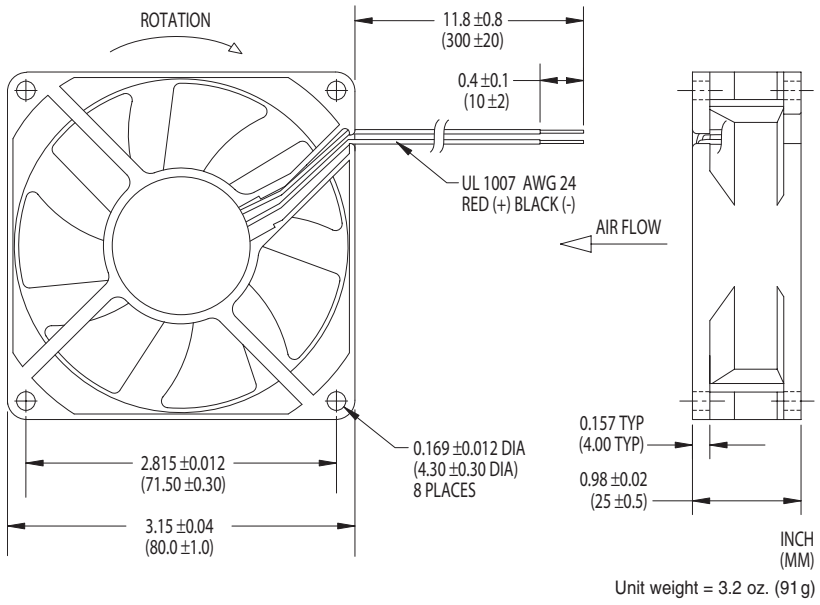
TA300DC



Unit weight = 3.2 oz. (91 g)

L-Series Fans

- 12V and 24V Models
- Polarity Protected
- Permanently Lubricated Ball Bearings or Long-Life NBR Designs
- Alarm/Tachometer/Thermal Speed Control/PWM Speed Control Options
- UL, CSA, TÜV Safety Approvals
- Sound-Absorbing Thermoplastic Frame and Impeller Rated UL94V-0
- Color-Coded 11.8 in. (300 mm) Leads

Electrical and Mechanical Characteristics

		Operating Voltage				*Sound Level*				*Operating Temp.*		L10
Model	Air Flow (CFM)	Nom. (V)	Range (V)	Current (mA)	Power (W)	Pressure (dBA)	NPEL (Bels)	Fan Speed (rpm)	Bearing$^{\Delta}$	Min. (°C)	Max. (°C)	Life† (hours)
L34681*	23	12	10.2-13.8	70	0.84	17.7	3.6	1,850	NBR	-10	+70	135,045
L34682§	23	24	20.4-27.6	50	1.20	17.7	3.6	1,850	NBR	-10	+70	135,045
M33414*	25	12	10.2-13.8	110	1.32	22.5	3.8	2,050	Ball	-10	+70	120,900
M33415*	25	24	20.4-27.6	80	1.92	22.5	3.8	2,050	Ball	-10	+70	120,900
L34683*	26	12	10.2-13.8	80	0.96	21.8	3.9	2,050	NBR	-10	+70	122,315
L34684§	26	24	20.4-27.6	60	1.44	21.8	3.9	2,050	NBR	-10	+70	122,315
M33412*	30	12	10.2-13.8	150	1.80	24.4	4.2	2,400	Ball	-10	+70	114,200
M33413*	30	24	20.4-27.6	100	2.40	24.4	4.2	2,400	Ball	-10	+70	114,200
L34685*	31	12	10.2-13.8	110	1.32	26.1	4.2	2,400	NBR	-10	+70	102,905
L34686§	31	24	20.4-27.6	70	1.68	26.1	4.2	2,400	NBR	-10	+70	102,905
M33409*	35	12	10.2-13.8	210	2.52	31.7	4.5	2,900	Ball	-10	+70	106,000
M33411	35	24	20.4-27.6	130	3.12	31.7	4.5	2,900	Ball	-10	+70	106,000
L34687§	37	12	10.2-13.8	130	1.56	31.1	4.6	2,800	NBR	-10	+70	84,621
L34688§	37	24	20.4-27.6	80	1.92	31.1	4.6	2,800	NBR	-10	+70	84,621
L34689	41	12	10.2-13.8	200	2.40	34.9	5.0	3,250	NBR	-10	+70	67,683
L34690	41	24	20.4-27.6	110	2.64	34.9	5.0	3,250	NBR	-10	+70	67,683
M33406*	43	12	10.2-13.8	290	3.48	35.8	5.0	3,400	Ball	-10	+70	99,100
M33407	43	24	20.4-27.6	180	4.32	35.8	5.0	3,400	Ball	-10	+70	99,100

Note: Air flow, current, power, speed and sound level ratings are at nominal voltage against zero static pressure. NPEL = Noise Power Emission Level. The first character of the model number denotes housing material and flange configuration. (M = advanced thermoplastic housing with open flange.) The series is also available as 'C' models (thermoplastic housing, closed flange). Power termination and signal options are designated by two-digit suffixes added to the model names.

† L10 bearing life expectancy: T_A = +40°C, nominal voltage. Failure criteria include a 15% reduction in speed or a 5 dBA increase in sound pressure.

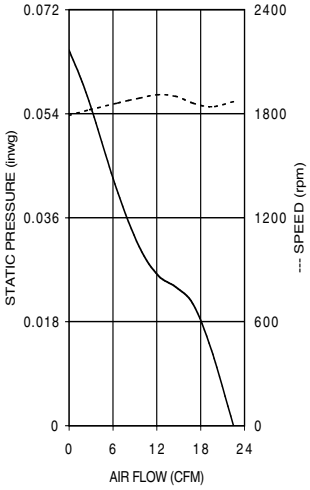
$^{\Delta}$ NBR, Nidec Bearing Revolution: See inside back cover.

* EN60950 safety approval pending. § Safety approvals pending.

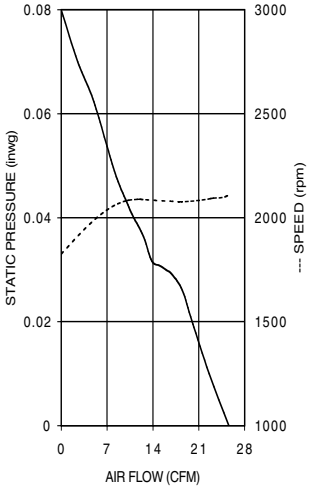
152 Will Drive, Canton, MA USA 02021 · Phone 781-828-6216 · Fax 781-830-1155
Email fans@nidec.com · http://www.nidec.com

TA300DC

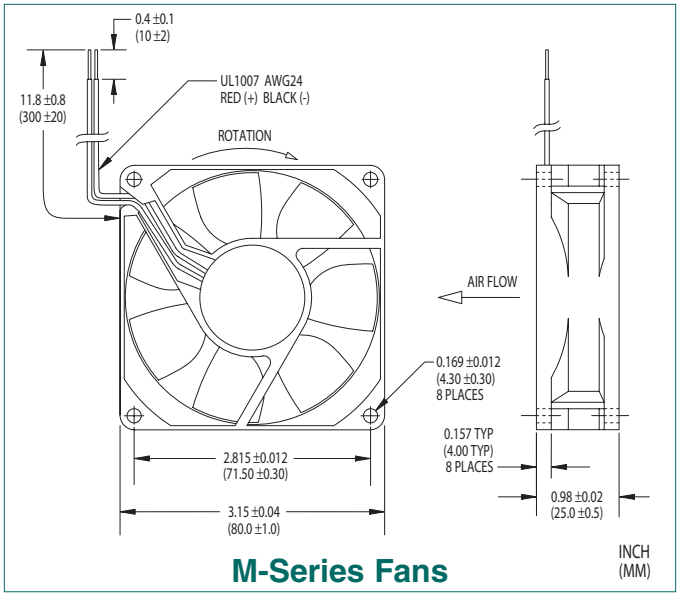
Air Performance



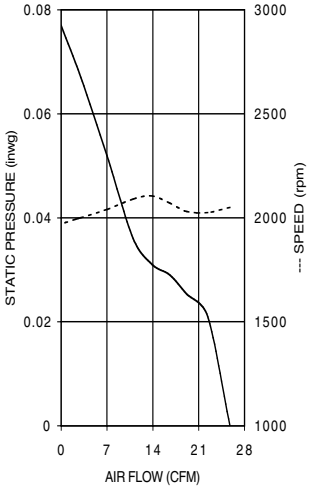
L34681/L34682



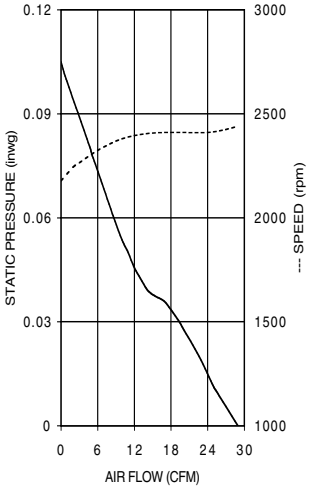
M33414/M33415



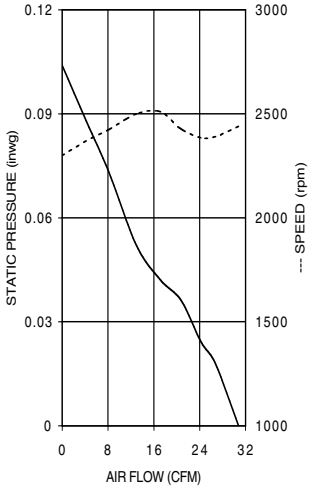
M-Series Fans



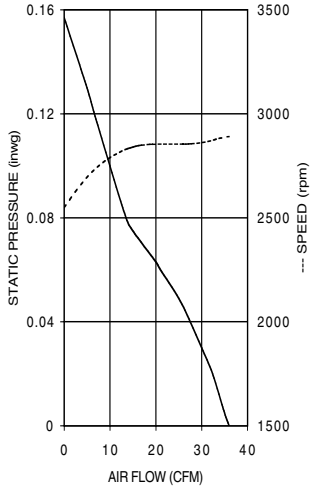
L34683/L34684



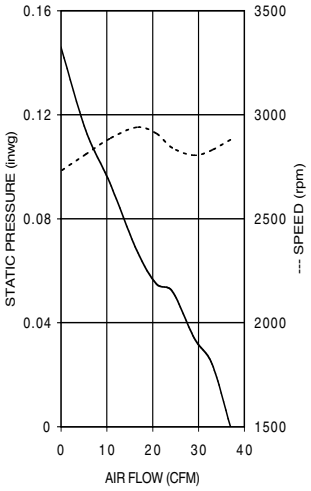
M33412/M33413



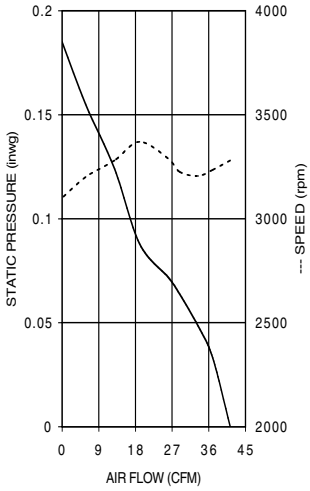
L34685/L34686



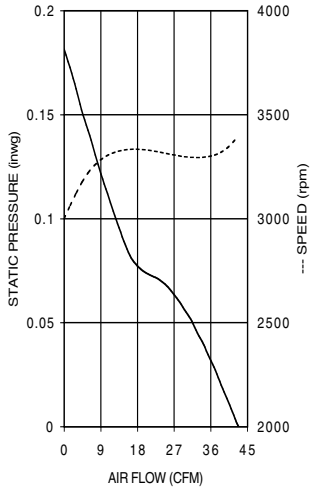
M33409/M33411



L34687/L34688



L34689/L34690



M33406/M33407

Nidec

152 Will Drive, Canton, MA USA 02021 · Phone 781-828-6216 · Fax 781-830-1155
Email fans@nidec.com · http://www.nidec.com